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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE STATEMENT
FOR PATENT

(Use several sheets if necessary)

ATTY. DOCKET NO.: DX0882XK
SERIAL NO.: 09/898,751
APPLICANT: Wei Wang, et al
FILING DATE: July 02, 2001
GROUP: 1647

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BD	M. Marra, et al., GenBank, Accession Number AA023970, January 21, 1997. Definition: "mh95f08.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone IMAGE:458727 5' similar to SW:GPR2_HUMAN P46092 PROBABLE G PROTEIN-COUPLED RECEPTOR GPR2. [1] ;, mRNA sequence."
BE	Kouji Matsushima & Joost J. Oppenheim, Cytokine 1:2-13, November 1989. "INTERLEUKIN 8 AND MCAF: NOVEL INFLAMMATORY CYTOKINES INDUCIBLE BY IL 1 AND TNF"
BF	Catherine J. McMahan, et al., EMBO Journal, 10(10):2821-2832, 1991. "A novel IL-1 receptor, cloned from B cells by mammalian expression, is expressed in many cell types"
BG	Michael D. Miller, et al., Proc. Natl. Acad. Sci., USA 89:2950-2954, 1992. "The human cytokine I-309 is a monocyte chemoattractant"
BH	Janine Morales, et al., Proc. Natl. Acad. Sci., USA, 96(25):14470-14475, December 7, 1999. "CTACK, a skin-associated chemokine that preferentially attracts skin-homing memory t cells"
BI	Joost J. Oppenheim, et al., Ann. Rev. Immunol. 9:617-648, 1991. "PROPERTIES OF THE NOVEL PROINFLAMMATORY SUPERGENE 'INTERCRINE' CYTOKINE FAMILY"
BJ	Paul Proost, et al., J. Leukoc. Biol. 59:67-74, January 1996. "Human monocyte chemotactic proteins-2 and -3: structural and functional comparison with MCP-1"
BK	Carol J. Raport, et al., J. Leukoc. Biol. 59:18-23, January 1996. "New members of the chemokine receptor gene family"
BL	Devora L. Rossi, et al., J. Immunology, 158(3):1033-1036, February 1997. "Identification Through Bioinformatics of Two New Macrophage Proinflamitory Human Chemokines MIP-3 α , MIP-3 β 1,2"
BM	Michel Samson, et al., Biochemistry 35:3362-3367, 1996. "Molecular Cloning and Functional Expression of a New Human CC-Chemokine Receptor Gene"
BN	Roger A. Sayle and E. James Milner-White, TIBS, 20:374-376, September 1995. "RASMOL: biomolecular graphics for all"
BO	Thomas J. Schall, in The Cytokine Handbook, 2nd ed., Academic Press Ltd., NY, pp 419-460, 1994. "The Chemokines"
BP	Thomas J. Schall, et al., Curr. Opin. Immunol. 6:865-873, 1994. "Chemokines, leukocyte trafficking, and inflammation"
BQ	Thomas J. Schall, Cytokine 3:165-183, May 1991. "BIOLOGY OF THE RANTES/SIS CYTOKINE FAMILY"
BR	Thomas J. Schall, et al., in The Chemokines, Plenum Press, NY, pp 29-37, 1993. "RECEPTOR/LIGAND INTERACTIONS IN THE C-C CHEMOKINE FAMILY"

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Bridget C. Farmer

11/20/02

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<i>Bob</i>	AP	Bernhard Homey, et al., <i>Journal of Immunology</i> , 164:3465-3470, April 1, 2000. "Cutting Edge The Orphan Chemokine Receptor G Protein-Coupled Receptor-2 (GPR-2, CCR10) Binds the Skin-Associated Chemokine CCL27 (CTACK/ALP/ILC)"
	AQ	R. Horuk, et al., <i>J. Leukoc. Biol.</i> 59:29-38, January 1996. "The Duffy antigen receptor for chemokines: structural analysis and expression in the brain"
	AR	Richard Horuk, <i>TIPS</i> 15:159-165, May 1994. "Molecular properties of the chemokine receptor family"
	AS	Richard Horuk, <i>Immunol. Today</i> 15:169-174, 1994. "The interleukin-8-receptor family: from chemokines to malaria"
	AT	Toshio Imai, et al., <i>J. Biol. Chem.</i> , 272(23):15036-15042, 1997. "The T Cell-directed CC Chemokine TARC Is a Highly Specific Biological Ligand for CC Chemokine Receptor 4"
	AU	Izumi Ishikawa-Mochizuki, et al., <i>FEBS Letters</i> , 460(3):544-548, November 5, 1999. Molecular cloning of a novel CC chemokine, interleukin-11 receptor α -locus chemokine (ILC), which is located on chromosome 9p13 and a potential homologue of a CC chemokine encoded by molluscum contagiosum virus"
	AV	David J. Kelvin, et al., <i>J. Leukoc. Biol.</i> 54:604-612, December 1993. "Chemokines and serpines: the molecular biology of chemokine receptors"
	AW	Fang Liao, et al., <i>Biochem. Biophys. Res. Commun.</i> , 236:212-217, 1997. "STRL22 Is a Receptor for the CC Chemokine MIP-3 α "
	AX	Fang Liao, et al., <i>J. Immunology</i> , 162:186-194, 1999. "CC-Chemokine Receptor 6 Is Expressed on Diverse Memory Subsets of T Cells and Determines Responsiveness to Macrophage Inflammatory Protein-3 α "
	AY	Patricia J. Lodi, et al., <i>Science</i> 263:1762-1767, March 25, 1994. "High-Resolution Structure of the β Chemokine hMIP-1 β by Multidimensional NMR"
	AZ	Adriano Marchese, et al., <i>Genomics</i> , 23(3):609-618, 1994. "Cloning of Human Genes Encoding Novel G Protein-Coupled Receptors"
	BA	A. Marchese, et al., <i>GenBank</i> , Accession Number U13667, L35537, April 1, 1995. Definition: "Human G protein-coupled receptor (GPR2) gene, partial cds."
	BB	M. Marra, et al., <i>GenBank</i> , Accession Number AA930619, April 23, 1998. Definition: "vy67b03.r1 Stratagene mouse macrophage (#937306) Mus musculus cDNA clone IMAGE:1311245 5' similar to SW:GPR2_HUMAN P46092 PROBABLE G PROTEIN-COUPLED RECEPTOR GPR2.; mRNA sequence."
<i>Bob</i>	BC	M. Marra, et al., <i>GenBank</i> , Accession Number AA871520, March 16, 1998. Definition. "vq36e07.r1 Barstead bowel MPLRB9 Mus musculus cDNA clone IMAGE:1096356 5' similar to SW:GPR2_HUMAN P46092 PROBABLE G PROTEIN-RECEPTOR GPR2.; mRNA sequence."

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Brigitte C. Bunner

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Wei, Wang, et al

FILING DATE:

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1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
beb	AA 5,665,345	9/9/97	Yarchoan et al.	424	85.2	—

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
beb	AB WO 98/23750	6/4/98	PCT	—	—	X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

beb	AC	Sunil K. Ahuja, et al., <u>Immunol. Today</u> 15:281-287, 1994. "Chemokine receptors and molecular mimicry"
	AD	Ghalig Alkatib, et al., <u>Science</u> 272:1955-1958, June 28, 1996. "CC CKR5: A RANTES, MIP-1 α , MIP-1 β Receptor as a Fusion Cofactor for Macrophage-Tropic HIV-1"
	AE	Masataka Baba, et al., <u>J. Biological Chemistry</u> , 272(23):14893-14898, June 6, 1997. "Identification of CCR6, the Specific Receptor for a Novel Lymphocyte-directed CC Chemokine LARC"
	AF	Kevin B. Bacon, et al., <u>Int. Arch. Allergy Immunol.</u> 109:97-109, 1996. "Chemokines as Mediators of Allergic Inflammation"
	AG	Michael Balter, <u>Science</u> 272:1740, June 21, 1996. "A Second Coreceptor for HIV in Early Stages of Infection"
	AH	Ian Clark-Lewis, et al., <u>J. Leukoc. Biol.</u> 57:703-711, 1995. "Structure-activity relationships of chemokines"
	AI	HongKui Deng, et al., <u>Nature</u> 381:661-666, June 20, 1996. "Identification of a major co-receptor for primary isolates of HIV-1"
	AJ	Tatjana Dragic, et al., <u>Nature</u> 381:667-673, June 20, 1996. "HIV entry into CD4+ cells is mediated by the chemokine receptor CC-CKR-5"
	AK	Tobias Doerks, et al., <u>TIG</u> , 14(6):248-250, June 1998. "Protein annotation: detective work for function prediction"
	AL	David P. Gearing, et al., <u>Embo Journal</u> , 8(12):3667-3676, 1989. "Expression cloning of a receptor for human granulocyte-macrophage colony-stimulating factor"
	AM	David R. Greaves, et al., <u>J. Exp. Med.</u> , 186(6):837-844, September 15, 1997. "CCR6, a CC Chemokine Receptor that Interacts with Macrophage Inflammatory Protein 3 α and Is Highly Expressed in Human Dendritic Cells"
	AN	Angela M. Gronenborn, et al., <u>Prot. Engg.</u> 4:263-269, 1991. "Modeling the three-dimensional structure of the monocyte chemo-attractant and activating protein MCAF/MCP-1 on the basis of the solution structure of interleukin-8"
beb	AO	Kunio Hieshima, et al., <u>J. Biological Chemistry</u> , 272(9):5846-5853, February 28, 1997. "Molecular Cloning of a Novel Human CC Chemokine Liver and Activation-regulated Chemokine (LARC) Expressed in Liver"

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Bridget E. Bunner

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<i>BEB</i>	CJ	Stephen J. O'Brien and Michael Dean <u>Scientific American</u> , 277:44-52, September 1997. "In Search of AIDS-Resistance Genes"
<i>BEB</i>	CK	Bahram Bodaghi et al., <u>J. Exp. Med.</u> , 188 (5): 855-866, September 1998. "Chemokine Sequestration by Viral Chemoreceptors as a Novel Escape Strategy: Withdrawal of Chemokines from the Environment of Cytomegalovirus-infected Cells"
<i>BEB</i>	CL	Adriano Marchese, et al. <u>Genomics</u> , 23:609-618, July 1994. "Cloning of Human Genes Encoding Novel G Protein-Coupled Receptors"
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<i>Bridget C. Bunner</i>	<u>11/26/02</u>	

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		APPLICANT: Wei Wang, et al	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BS	Mark Y. Stoeckle, et al., <u>The New Biologist</u> 2:313-323, April 1990. "TWO BURGEONING FAMILIES OF PLATELET FACTOR 4-RELATED PROTEINS: MEDIATORS OF THE INFLAMMATORY RESPONSE"
BT	Robert M. Strieter, et al., <u>J. Inv. Med.</u> 42:640-651, December 1994. "Acute Lung Injury: The Role of Cytokines in the Elicitation of Neutrophils"
BU	Robert M. Strieter, et al., <u>J. Leukoc. Biol.</u> 57:752-762, May 1995. "Role of C-X-C chemokines as regulators of angiogenesis in lung cancer"
BV	Angus W. Thompson, Ed., <u>The Cytokine Handbook</u> , 2nd ed., The Academic Press Inc.: San Diego, CA, 1994.
BW	Alain P. Vicari, et al., <u>J. Allergy Clin. Immun.</u> , 99(1) part 2:S246, Abstract 1003, January 1997. "TECK: a novel CC Chemokine associated with T-cell development"
BX	Alain P. Vicari, et al., <u>Immunity</u> , 7:291-301, August 1997. "TECK: a Novel CC Chemokine Specifically Expressed by Thymic Dendritic Cells and Potentially Involved in T Cell Development"
BY	Ulrich O. Wenzel and Hanna E. Abboud, <u>Am. J. Kidney Diseases</u> 26:982-994, December 1995. "Chemokines and Renal Disease"
BZ	Ryu Yoshida, et al., <u>J. Biological Chemistry</u> , 272(21):13803-13809, May 23, 1997. "Molecular Cloning of a Novel Human CC Chemokine EBI1-ligand Chemokine That Is a Specific Functional Ligand for EBI1, CCR7"
CA	Osamu Yoshie, et al., <u>J. Leukocyte Biology</u> , 62(5):634-644, November 1997. "Novel lymphocyte-specific CC chemokines and their receptors"
CB	Angel Zaballos, et al., <u>Biochem Biophys. Res. Comm.</u> , 227(3):846-853, October 1996. "Molecular Cloning and RNA Expression of Two New Human Chemokine Receptor-like Genes"
CC	Alfred Garzino-Demo, et al., <u>Journal of Clinical Immunology</u> , 18 (4):243-255, March 1998. "Chemokine Receptors and Chemokines in HIV Infection"
CD	George A. Donzella, et al., <u>Nature Medicine</u> , 4 (1) 72-77, January 1998. "AMD3100, a small molecule inhibitor of HIV-1 entry via the CXCR4 co-receptor"
CE	Dominique Schols, et al. <u>J. Exp. Med.</u> , 186 (8): 1383-1388, October 1997. "Inhibition of T tropic HIV Strains by Selective Antagonization of the Chemokine Receptor CXCR4"
CF	Dominique Schols, et al. <u>Journal of Virology</u> , 72 (5): 4032-4037, May 1998. "T Cell Line Tropic Human Immunodeficiency Virus Type 1 that is Made Resistant to Stromal Cell-Derived Factor 1 α Contains Mutations in the Envelope gp120 but does not show a switch in Coreceptor Use"
CG	Beatrice Labrosse, et al. <u>Journal of Virology</u> , 72 (8): 6381-6388. August 1998. "Determinants for Sensitivity of Human Immunodeficiency Virus Coreceptor CXCR4 to the Bicyclam AMD3100"
CH	Christopher C. Broder and Ronald G. Collman, <u>J. of Leukocyte Biology</u> , 62: 20-29 July 1997. Chemokine receptors and HIV"
CI	Joanna F. Benson and Robert W. Doms, <u>Immunology</u> , 10: 237-248, 1998. "Structure function studies of the HIV-1 coreceptors"

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